

CERTIFICATE OF ANALYSIS

Trans-Resveratrol 99% Trans-Resveratrol(HPLC)

Batch No.: CHZ-C-A233221 Manufacture Date: 20220910 Expiry Date: 20250909

General Information			
Part Used	Root	Solvents Used	Water&Ethanol
Botanical Source	<i>Polygonum cuspidatum</i>	Country Of Origin	China
ITEMS	SPECIFICATION	METHOD	TEST RESULTS
Physical&Chemical Data			
Color	White	Organoleptic	Conform
Odour	characteristic	Organoleptic	Conform
Appearance	Fine Powder	Organoleptic	Conform
Analytical Quality			
Identification	Identical to R.S. sample	HPTLC	Identical
Trans-Resveratrol	≥99.0%	HPLC(on anhydrous basis)	99.2%
Water(KF)	≤2.0 %	Eur.Ph. <2.5.12>	0.05%
Total Ash	≤1.0 %	Eur.Ph. <2.4.16>	0.15 %
Contaminants			
Lead (Pb)	≤3.0 mg/kg	Eur.Ph. <2.2.58>ICP-MS	0.0273 mg/kg
Arsenic (As)	≤2.0 mg/kg	Eur.Ph. <2.2.58>ICP-MS	0.0420 mg/kg
Cadmium (Cd)	≤1.0 mg/kg	Eur.Ph. <2.2.58>ICP-MS	<0.01 mg/kg
Mercury (Hg)	≤0.1 mg/kg	Eur.Ph. <2.2.58>ICP-MS	0.0127 mg/kg
Solvents Residue	Meet Eur.Ph. <2.4.24>	Eur.Ph. <2.4.24>	Conform
Pesticides Residue	Meet Eur.Ph. <2.8.13>	Eur.Ph. <2.8.13>	Conform
Microbiological			
Total Plate Count	≤10000 cfu/g	Eur.Ph. <2.6.12>	10 cfu/g
Yeast &Mold	≤1000 cfu/g	Eur.Ph. <2.6.12>	10 cfu/g
E.Coli.	Negative	Eur.Ph. <2.6.13>	Conform
Salmonella	Negative	Eur.Ph. <2.6.13>	Conform
General Status			
Non-Irradiation	≤700	EN <13751:2002>	312
Packing&Storage	Packed in paper-drums and two plastic-bags inside; N.W:25kgs, I.D.35×H51cm; Store in a well-closed container Away from moisture,light, oxygen.		
Shelf life	36 months under the conditions above and in its original packaging.		

Quality Assurance Officer



Corrector



Analyst



No: STP-QCP-1 (383)